

Comparisons of Job Characteristics

Focus Occupation: Rail-Track Laying and Maintenance Equipment Operators (47-4061)

Associated Occupation: Locomotive Firers (53-4012)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 69

Focus Occupation: Rail-Track Laying and Maintenance Equipment Operators (47-4061)

Associated Occupation: Locomotive Firers (53-4012)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Transportation	4.6	12.9	9.8	<< Extensive education and/or training may be required
Mechanical	6.8	12.4	12.1	0 Current knowledge level may be sufficient
Public Safety and Security	6.9	11.8	8.9	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 82

Focus Occupation: Rail-Track Laying and Maintenance Equipment Operators (47-4061)

Associated Occupation: Locomotive Firers (53-4012)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation Monitoring	6.6	12.7	11.2	< A higher skill level may be required
Operation and Control	5.4	12.0	10.7	< A higher skill level may be required
Troubleshooting	4.5	7.9	9.5	> Skill level is likely sufficient
Equipment Maintenance	3.5	6.6	9.5	>> Skill level is likely more than sufficient
Repairing	3.4	6.0	10.2	>> Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 71

Focus Occupation: Rail-Track Laying and Maintenance Equipment Operators (47-4061)
Associated Occupation: Locomotive Firers (53-4012)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Far Vision	7.8	13.8	11.1	<	Some improvement in abilities may be required
Reaction Time	4.8	13.0	11.5	<	Some improvement in abilities may be required
Selective Attention	8.7	12.2	7.7	<<	Extensive improvement in abilities may be required
Control Precision	6.6	11.8	12.8	0	Current ability level may be sufficient
Response Orientation	4.0	11.4	9.8	<	Some improvement in abilities may be required
Glare Sensitivity	2.6	7.6	7.3	0	Current ability level may be sufficient
Night Vision	2.1	6.4	4.4	<<	Extensive improvement in abilities may be required
Peripheral Vision	2.2	6.4	4.8	<<	Extensive improvement in abilities may be required
Sound Localization	2.2	5.8	3.7	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

There are no common work activities.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Rail-Track Laying and Maintenance Equipment Operators (47-4061)
Associated Occupation: Locomotive Firers (53-4012)

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.